

IDS - 10/07/2003



THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent

Applicant(s): Daniel Yap, et al. ) Re: Information Disclosure  
Serial No.: 10/630,189 ) Statement  
Filed: July 29, 2003 ) Group: not yet assigned  
For: "OPTICAL FREQUENCY MODULATED )  
TRANSMITTER" ) Examiner: not yet assigned  
 ) Our Ref: B-4335NP 620890-7  
 ) Date: October 2, 2003

Commissioner for Patents  
P.O. Box 1450  
Alexandria VA, 22313-1450

Sir:

In accordance with the Applicants' duty to disclose information which may be material to the examination of this application, the undersigned respectfully requests that the Examiner consider on the merits the documents listed on the enclosed Form PTO-1449 (modified) before issuing the first Office Action on the merits. We are enclosing herewith a copy of each document listed on the enclosed Form PTO-1449 (modified).

The filing of this Information Disclosure Statement (IDS) shall not be construed as a representation that a search has been made (37 C.F.R. 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

The Applicants believe that this IDS is being submitted before the issuance of a first Office Action on the merits and before the issuance of a Final Rejection or Notice of Allowance. Therefore, no official fees should be due; and this IDS should be considered on the merits. If this IDS is being submitted after the issuance of the first Office Action on the merits and before the issuance of a Final Rejection or Notice of Allowance, please contact the undersigned to authorize a payment of \$180.00 (or any other

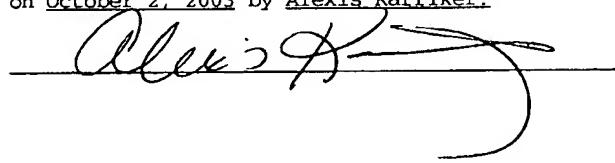
Information Disclosure Statement  
USSN 10/630,189  
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required amount), which is the fee set forth in 37 C.F.R. § 1.97(c), if the Examiner believes that such a fee is due in order for this IDS to be considered on the merits.

The filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner. (Notice of January 9, 1992, 1135 O.G. 13-25, at 25.)

The person making this statement is the practitioner who signs below on the basis of information supplied by an individual associated with the filing and prosecution of this application (37 C.F.R. § 1.56(c)) and on the basis of information in the practitioner's file.

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first-class mail in an envelope addressed to the "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450", on October 2, 2003 by Alexis Karriker.



Respectfully submitted,



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Enclosures: Form PTO-1449 (modified) (2 pages)  
Copy of documents listed on Form PTO-1449 (modified)

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Form PTO-1449 (Modified)	ATTY DOCKET NO. B-4335NP 620890-7	U.S. SERIAL NO. 10/630,189
LIST OF PATENTS AND PUBLICATIONS STATEMENT	APPLICANTS Daniel Yap, et al.	
	FILING DATE July 29, 2003	GROUP not yet assigned

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	ISSUE DATE	NAME	CLASS	SUB- CLASS	FILING DATE OR 102(e) DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

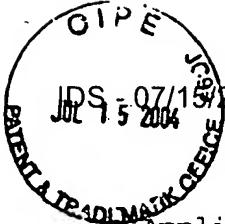
MM	Bhattacharya, M., et al., "A Method for Generation of Optical FM Signal Through Injection Locking," <i>Journal of Lightwave Technology</i> , Vol. 16, No. 4, pp 656-660 (April 1998).
MM	Bordonali, A.C., et al., "High-Performance Phase Locking of Wide Linewidth Semiconductor Lasers by Combined Use of Optical Injection Locking and Optical Phase-Lock Loop," <i>Journal of Lightwave Technology</i> , Vol. 17, No. 2, pp 328-342 (February 1999).
MM	Goldberg, L., et al., "Injection Locking and Single-Mode Fiber Coupling of a 40-Element Laser Diode Array," <i>Appl. Phys. Lett.</i> , Vol. 50, No. 24, pp 1713-1715 (June 15, 1987).
MM	Hui, R., et al., "Injection Locking in Distributed Feedback Semiconductor Lasers," <i>IEEE Journal of Quantum Electronics</i> , Vol. 27, No. 6, pp 1688-1695 (June 1991).
MM	Kikuchi, K., et al., "Amplitude-Modulation Sideband Injection Locking Characteristics of Semiconductor Lasers and Their Application," <i>Journal of Lightwave Technology</i> , Vol. 6, No. 12, pp 1821-1830 (December 1988).
MM	Kobayashi, S., et al., "Optical FM Signal Amplification by Injection Locked and Resonant Type Semiconductor Laser Amplifiers," <i>IEEE Journal of Quantum Electronics</i> , Vol. QE-18, No. 4, pp 575-581 (April 1982).

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USSN 10/630,189  
October 2, 2003  
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<i>JKM</i>	Kobayashi, S., et al., "Optical Phase Modulation in an Injection Locked AlGaAs Semiconductor Laser," <i>IEEE Transactions on Microwave Theory and Techniques</i> , Vol. MTT-30, No. 10, pp 1650-1657 (October 1982).
<i>JAM</i>	Langley, L.N., et al., "Optical Phase Locked Loop Signal Sources for Phased Array Communications Antennas," <i>SPIE</i> , Vol. 3160, pp 142-153 (1997).
<i>MM</i>	Meng, X.J., et al., "Improved Intrinsic Dynamic Distortions in Directly Modulated Semiconductor Lasers by Optical Injection Locking," <i>IEEE Transactions on Microwave Theory and Techniques</i> , Vol. 47, No. 7, pp 1172-1176 (July 1999).
<i>MM</i>	Okai, M., et al., "Complex-Coupled $\lambda/4$ -Shifted DFB Lasers with a Flat FM Response," <i>IEEE Journal of Selected Topics in Quantum Electronics</i> , Vol. 1, No. 2, pp 461-465 (June 1995).
<i>CM</i>	Yap, D., et al., "Monolithic Optoelectronic Receiver Arrays for Analogue Links," <i>Electronics Letters</i> , Vol. 33, No. 12, pp 1078-1080 (June 5, 1997).

EXAMINER	DATE CONSIDERED
<i>John Lee</i>	7/30/06

EXAMINER: Initial if reference considered. Whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



IFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent

Applicant(s): Daniel YAP, et al. ) Re: Information Disclosure  
Serial No.: 10/630,189 ) Statement  
Filed: July 29, 2003 ) Group: 2633  
For: "OPTICAL FREQUENCY MODULATED )  
TRANSMITTER" ) Examiner: not yet assigned  
 ) Our Ref: B-4335NP 620890-7  
 ) Date: July 7, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria VA, 22313-1450

Sir:

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The documents listed on the enclosed Form PTO-1449 (modified) include those cited in the International Search Report for the corresponding PCT application no. PCT/US03/37656 (7 pages). A copy of the International Search Report is enclosed herewith.

The filing of this Information Disclosure Statement (IDS) shall not be construed as a representation that a search has been made (37 C.F.R. 1.97(g)), an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

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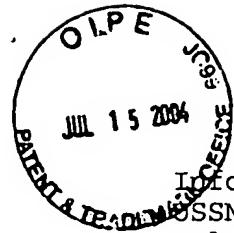
Respectfully submitted,



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Enclosures: Form PTO-1449 (modified) (1 page)  
Copy of Search Report for PCT/US03/37656 (7 pages)  
Copy of Non-U.S. Patent documents listed on Form PTO-1449 (modified)



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	FILING DATE July 29, 2003	GROUP 2633

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	ISSUE DATE	NAME	CLASS	SUB- CLASS	FILING DATE or 102(e) DATE IF APPROPRIATE
KJM	4,649,351	3/1987	Veldkamp et al.	330	4.3	
KJM	4,755,016	7/1988	Deloach, Jr. et al.	350	96.16	
KJM	4,862,467	8/1989	Carter et al.	372	18	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>kgm</i>	Chow, W.W., "Phase Locking Of Lasers By An Injected Signal," <i>Optics Letters</i> , Vol. 7, No. 9, pp. 417-419 (September 1982).
<i>kgm</i>	Herczeld, P.R., et al., "Multiple Oscillator Locking Via Optical Link," <i>Proceedings of the European Microwave Conference</i> , Paris, pp. 578-583 (September 13, 1985).

EXAMINER	DATE CONSIDERED
<i>kgm</i>	7/30/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.